

**United States Department of Agriculture  
Animal and Plant Health Inspection Service  
Center for Veterinary Biologics  
P. O. Box 844  
Ames, IA 50010**

1. **Reagent Name:** *Leptospira pomona* Master Reference Bacterin
2. **Strain or Source:** N/A
3. **Lot Number:** IRP 524 (05)
4. **Fill Date:** June 15, 2005
5. **Expiration Date:** The stability of this reagent will be evaluated over time by the CVB using hamster PD<sub>50</sub> values. Any changes in use dilutions will be communicated via CVB Notice.

**Precautions:** There are no known hazards associated with the use of this reagent.

6. **Intended Use:** To be used as a reference bacterin in accordance with **SAM 624** (Supplemental Assay Method for *in vitro* Potency Testing of *Leptospira interrogans* Serovar *pomona* Bacterins). **CAUTION:** This reference is to be used for canine, swine, and bovine vaccines as approved in Outlines of Production.
7. **Instructions for Use:** Reconstitute lyophilized bacterin with 1.0 mL of sterile water. Adjust final dilution (using 0.85% NaCl solution) based on host animal dosage per the following table. The final dilution is considered as UNDILUTED when entering data into the RelPot software program.

Host dose	Use Dilution
1 mL	1:20
2 mL	1:40
4 mL	1:80
5 mL	1:100

8. **Test of Reagent:** Tested satisfactory for sterility according to 9 CFR 113.26. Host animal (canine and porcine) studies conducted by Dr. Carole Bolin at Michigan State University. Data summary available upon request.
9. **Container Size, Type, Weight, or Volume:** 2-mL serum vials (lyophilized)
10. **Storage Conditions:** 2°- 7°C

**11. CVB Technical Contact:** Bacteriology Section, Center for Veterinary Biologics, (515) 337-6140 or FAX (515) 337-7673.

**12. Origin and Passage History:** Passage history not available.

**13. Method of Preparation:** This non-adjuvanted bacterin was produced by a licensee according to a confidential outline of production.

**14. Other:** None.

Reagent orders and feedback should be sent *including phone number* to the following email address: [CVB@aphis.usda.gov](mailto:CVB@aphis.usda.gov)

Reagent orders forms (APHIS 2018) are available from:  
[http://www.aphis.usda.gov/animalhealth/cvb\\_forms](http://www.aphis.usda.gov/animalhealth/cvb_forms)

**REVISED:** 18Apr14 alb